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United States Department of the Interior Osage Indian Agency Pawhuska, Oklahoma

Date:

February 11, 2013

Application For the Operation or Report on Wells

North Burbank Unit Tract 5

(Commencement money paid to whom)	Military Military and the second	(Date)	······································		(Amount)	
Well No.: 4 is located	300	Ft. from S line			, ,	
		it. nom 3 line	and	300	Ft. from E	line
SE/4 Sec 02 271	······	05E		_Osage Co	ounty, Oklah	noma
(1/4 Sec. & Sec. No.) (Tw)	(Range)				
The elevation of the ground	level	above sea leve	l is	1082	Ft.	
Use This Side to Request Authority fo	r Work	Use This	Side	To Repor	t Complet	ed Work
(Three Copies Required)				One Copy Red	_	
Notice of Intention To:		Character of	Well	(oil, gas	or dry)	Oil
Drill				nt Report o		
Plug 🗖				n		
Deepen or plug back □		For	mation	Treatment	🗖	
Convert		Alte	ring ca	asing	X	
Pull or alter casing □		11	-	Back		
Formation Treatment □		18				
🗖		Ì			_	
Details of Work		Deta	ails of	Work & Res	sults Obtain	ed
Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used, Indicate proposed modding, comenting & other work, Plugging applications shall set forth reasons for plugging & detailed statement of proposed work Plugging will not commence until 10 days following approval date unless authority granted for carlier commencement. A \$15.00 plugging fee is also required with each application to plug. Bbls oil Bbls water in	ı 24 hrs	MIRU. POOH w/tbg. TIH w/7" scraper to top of 5-1/2770'. POOH w/BHA. TIH w/5-1/2" scraper to 2920'. 5-1/2" liner @ 2900'. POOH w/BHA. RU Elite WL. 1/2" composite plug @ 2890'. Shot 2 holes @ 28 2850', 2830', 2810', 2790', 2760', 2740', 500' & 400' TIH w/67 jts 15.50# 5-1/2", bottom 3 jts are FJ ch floatshoe @ 2770' & port collar @ 476'. RU Cementers. Pumped 150 sks reg cmt w/2% gel folksks reg cmt. TIH w/opening tool to port collar @ 476 port collar & pumped 600 sks reg cmt down 5-1/2" + annulus to surface. (OVER) Work completed: 6/4/2012 Work completed: 6/12/2012 (Continue on reverse if necessary) This block for plugging information			5-1/2" liner @ 920'. Bottom of WL. Set 5-0 2880', 2870', 400'. RD Elite. J chrome. Set RU Chaparral I followed w/50 2 476'. Opened 2" + 7" + 8-5/8"	
		Control Contro	(Casing Rec	ord	
I understand that this plan of work must receive approval ir writing of the Osage Indian Agency before operations	1	Size In Hole	When Started	Amt. Recovered	If Parted Depth	Ном
may be commenced.						
Lessee:						
Signature:		0		-	Original TI)
Signature:		Lessee: Cha	<u>parrar i</u>	<u>Energy, L.L</u>	<u>C.</u>	
Title:		Erwin Pino	V LE	Regulatory	. Casinasa	
					/ Engineer	
Address: 701 Cedar Lake Blvd., Oklahoma City, Oklah	io <u>ma 7311</u>	Subscribed and sworn to befo	re me this /	Hitay Sit	2013	107004967 107004967
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		7	to the	1. Com		OKLAHIMI OKLAHIMI

Closed port collar. Pressured up 5-1/2" csg, tested good. RD CC.TIH w/4-3/4" bit to floatshoe @ 2770'. RU Power Swivel. Drilled out floatshoe, drilled out 5-1/2" composite plug @ 2890' & ran bit to TD of 2980'. Circ hole clean. POOH w/BHA. TIH w/5-1/2" stainless Arrowset 1-X w/on & off tool on top of pkr & automatic shut off on bottom & 85 jts 2-3/8" 70 XT-TK, 1-4', 1-6', 1-8' sub below top jt. Pumped pkr fluid & set pkr @ 2751', pressured up csg to 1000 psi, tested good. Will put back on production when needed for CO2 flood.

CHAPARRAL ENERGY, L.L.C.

LEASE_	NBU		
JOB DES	TWPRANGE_ 6-6-12 SCRIPTION CEME	NT 5 & LINER	WITH PORT
HOOK up And get ein GEL and 50 Plug Displa	TO 5 & PIPE Pum Reulation PUMP SK REG CEMENT ACE Phuy WITH 6 ST Phuy, Phuy He	P 80BBL WATE 150 SK REG. CE WASK LINES OU 5 BBL WATER,	TO ROP WITH 28

CONSOLACIATED FINISH CEMENTING TOP OF LINER EQUIPMENT ON LOCATION

Rig# <u>E2512</u>
Tubing Trailer_
Pump Truck <u>E16984</u>
Bulk Truck <u>E16985</u>
Bulk Truck_
Water Truck <u>eartract</u> D+P
Water Truck <u>for Tract</u> D+P

MATERIAL USED USK GEL 200 SK REG-CENENT

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CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Chaparral	State, County	Osage, Oklahoma	Cement Type	CLASS A	
Job Type	Port Collar	Section		Excess (%)		
Customer Acct #		TWP		Density	15.6	
Weil No.	NBU 5-4	RGE		Water Required		
Mailing Address		Formation		Yeild	1.18	
City & State		Hole Size		Slurry Weight		
Zip Code		Hole Depth		Slurry Volume		
Contact		Casing Size	5 1/2	Displacement		
		Casing Depth		Displacement PSI		
Email		Port Collar	518'	MIX PSI	300-600	
Cell		Tubing	2 3/8	Rate	4bpm	
Dispatch Location	BARTLESVILLE			Price per Unit		
Code	Cement Pump Charges and Mileage	Quantity		\$1,030.00	\$	1,030.00
5401	CEMENT PUMP (2 HOUR MAX)		2 HRS MAX	\$4.00	\$	220.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	55	PER MILE	\$350.00	\$	700.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	2	PER LOAD	\$0.00	\$	700.00
0			0 0	\$0.00	\$	
0				\$0.00	\$	
00			0 0	\$0.00	\$	
0				\$0.00	\$	
0			PER FOOT	0.22	\$	
5402	FOOTAGE			EQUIPMENT TOTAL		1,950.00
			·		- P	1,530.00
	Cement, Chemicals and Water			04405		8.970.00
11045	CLASS "A" CEMENT (SALES) BLEND(SK)	600	0	\$14.95	\$	6,970.00
0			0	\$0.00	\$	
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				CHEMICAL TOTA	L \$	0,910.00
	Water Transport					
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0			0	\$0.00	\$	
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	,			TRANSPORT TOTA	L \$	-
	Cement Floating Equipment (TAXABLE)					
	Cement Basket				· · · · ·	
0			0 .	\$0.00	\$	<u> </u>
	Centralizer					<u> </u>
0			0	\$0.00	\$	
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	Float Shoe			\$0.00	\$	
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				YASHARIWALASHA JERREKOV JOOKKYN KOOPHI PACHIDIDI MALAAMAA KAARIKA

CEMENT FIELD TICKET AND TREATMENT REPORT

	Chaparral	State, County	Osage, Oklahoma	Cement Type	CLASS A
ustomer	Chapairai	Section	0	Excess (%)	
ustomer Acct#		TWP	0	Density	15.6
/ell No.	<u> </u>	RGE	0	Water Required	0
lailing Address	NBU 5-4	Formation	0	Yeild	1.18
ity & State	0	Hole Size		Slurry Weight	0
ip Code	0	Hole Depth	0	Slumy Volume	O
ontact	0		5.5	Displacement	0
mail	0	Casing Size	0.0	Displacement PSI	0
Cell	0 .	Casing Depth	518'	MIX PSI	300-600
Office	0	Port Collar	2.375	Rate	4bpm
Dispatch Location	BARTLESVILLE	Tubing	2.375	reace	11271
REMARKS Pressured up on collar to make sure it closed. Rig ran in 4 joints	sure it was closed, opened collar and esta s and reverse circulated hole clean. Shut	ablished circ. Ran 600sx of ce down and washed up.	ment and displaced 2bbl. Si	nut collar and pressured	Up to make
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